

42036. PAULOWNIA FORTUNEI (Seem.) Hemsl. Scrophulariaceæ.

From Taihoku, Formosa. Presented by Mr. M. Takata, Department of Productive Industries. Received March 2, 1916.

"In raising the Paulownia tree in Japan its root is generally used for the purpose, because its seed has not been known to germinate. We should like, therefore, to have you give special attention to the matter of sowing and directing the growth of the young plants." (*Takata.*)

A magnificent tree 30 to 50 feet high, much resembling the well-known *Paulownia imperialis* (*P. tomentosa*), but having slightly shorter panicles of larger lilac or purple tinted flowers dotted with purple on the inside of the corolla. A native of central Formosa. (Adapted from *T. Ito, Icones Plantarum Japonicarum*, vol. 1, no. 3, p. 5, pl. 9, 1912.)

Received as *Paulownia mikado*, which is considered by Rehder to be identical with *P. fortunei*.

42037. LINUM USITATISSIMUM L. Linaceæ. Flax.

From Saskatoon, Saskatchewan, Canada. Presented by Mr. F. MacLure Sclanders, commissioner, Board of Trade. Received March 2, 1916.

"*Riga* (Russian) flax. Received from the Department of Agriculture, Dublin, Ireland. I am asked to test this for seed production, the object being to ascertain if we can here grow to advantage seed for the Irish flax-fiber growers, which seed now comes from Russia and costs more than we could probably supply it for. Apparently some clear distinction is drawn between the flax which we now produce for seed and that which is adapted for the production of fiber." (*Sclanders.*)

42038. SAPINDUS SAPONARIA L. Sapindaceæ. Soapberry.

From Monterey, Mexico. Presented by the Compañía Jabonera. Received March 2, 1916.

"*Jaboncillo*. Fresh fruits. The outer part when boiled in water gives a superior soap for washing, especially for woolen goods, and is much used. The seed is hard and contains fat; it is not used. We consider this fruit of interest as well for the pulp, which yields soap, as for the seed, which may be of some use." (*Compañía Jabonera.*)

42039 and 42040.

From Horqueta, Paraguay. Presented by Mr. Thomas R. Gwynn. Received March 3, 1916.

42039. PSIDIUM GUAJAVA L. Myrtaceæ.**Guava.**

"Seeds of a large fruit; when ripe it is a light green outside and a beautiful pink inside." (*Gwynn.*)

42040. RANDIA sp. Rubiaceæ.

"*Azuca revine* (?)" A spiny erect shrub with showy flowers and fruit.

42041 to 42045. JUGLANS REGIA L. Juglandaceæ. Walnut.

From New York State. Cuttings secured by Mr. C. A. Reed, of the Bureau of Plant Industry. Received March 4, 1916. Quoted notes by Mr. Reed.

"The Thomson orchard is owned by Mr. Adelbert Thomson, of Honeoye Falls, Livingston County, N. Y. It consists of 225 trees grown from seed raised in Rochester and planted in 1886 by Mr. Thomson where the trees now stand. After the nuts were planted Mr. Thomson lost interest and allowed the trees to be neglected for some 25 years, during which time they made very slow